application

Class Controller

java.lang.Object
        application.Controller

All Implemented Interfaces:

```
javafx.fxml.Initializable
```

```
public class Controller
extends java.lang.Object
implements javafx.fxml.Initializable
```

This class is the action controller for the FXML file.

Since:

```
2017-10-07
```

Version:

```
1.0
```

Author:

```
Josh Winfrey, Joseph Cutino
```

Constructor Summary

Constructors

Constructor and Description
Controller()

Method Summary

All Methods	Instance Methods	Concrete Methods

Modifier and Type	Method and Description
void	addFilter(javafx.event.ActionEvent event) Function for adding a filter to the search.
void	addMovie(javafx.event.ActionEvent event) Allows users to add the selected movie to their favorite list or their watch list.

| void | **checkLogin**(javafx.event.ActionEvent event) |
| Function for logging in to user's API account. |

| void | **displayCollection**(application.Controller.Collections current, int page) |
| Displays desired collection of movies. |

| void | **getReviews**(javafx.event.ActionEvent event) |
| Function for viewing reviews of selected movie. |

| void | **initialize**(java.net.URL location, java.util.ResourceBundle resources) |
| Overrides the initialization function which runs at the start of the project. |

| void | **newAPIAccount**(javafx.event.ActionEvent event) |
| Function for creating a new API account. |

| void | **randomMovie**(javafx.event.ActionEvent event) |
| Allows users to generate a random movie with a button press and displays it in the window. |

| void | **removeFilter**(javafx.event.ActionEvent event) |
| Function for removing filters from the search. |

| void | **removeMovie**(javafx.event.ActionEvent event) |
| Allows users to remove the selected movie from their favorite list or watch list. |

| void | **searchMovie**(javafx.event.ActionEvent event) |
| Allows user to search for a movie based on keyword or title and displays results in the search list. |

| void | **searchPageDown**(javafx.event.ActionEvent event) |
| Function to change search page down one. |

| void | **searchPageUp**(javafx.event.ActionEvent event) |
| Function to change search page up one. |

| void | **selectedMovieFromFavoriteList**(javafx.scene.input.MouseEvent event) |
| Allows users to click on items in the favorite list and displays them in the window. |

| void | **selectedMovieFromInTheatersNowList**(javafx.scene.input.MouseEvent event) |
| Allows users to click on items in the in theaters now list and displays them in the window. |

| void | **selectedMovieFromSearchList**(javafx.scene.input.MouseEvent event) |
| Allows users to click on items in the search list and displays them in the window. |

| void | **selectedMovieFromTopRatedList**(javafx.scene.input.MouseEvent event) |
| Allows users to click on items in the top rated list and displays them in the window. |

| void | **selectedMovieFromUpcomingList**(javafx.scene.input.MouseEvent event) |
| Allows users to click on items in the upcoming list and displays them in the window. |

| void | **selectedMovieFromWatchList**(javafx.scene.input.MouseEvent event) |
| Allows users to click on items in the watch list and displays them in the window. |

void	trailerSelected(javafx.event.ActionEvent event)
	Allows users to play the trailer for the selected movie with a button press.

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructor Detail

Controller

```
public Controller()
```

Method Detail

initialize

```
public void initialize(java.net.URL location,
                       java.util.ResourceBundle resources)
```

Overrides the initialization function which runs at the start of the project.

Specified by:

initialize in interface javafx.fxml.Initializable

Parameters:

location - Location of FXML file

resources - Resources of FXML file

displayCollection

```
public void displayCollection(application.Controller.Collections current,
                              int page)
```

Displays desired collection of movies.

Parameters:

current - Current collection to display

page - Page number to display

selectedMovieFromWatchList

```
public void selectedMovieFromWatchList(javafx.scene.input.MouseEvent event)
```

Allows users to click on items in the watch list and displays them in the window.

Parameters:

event - Mouse click

selectedMovieFromFavoriteList

public void selectedMovieFromFavoriteList(javafx.scene.input.MouseEvent event)

Allows users to click on items in the favorite list and displays them in the window.

Parameters:

event - Mouse click

selectedMovieFromSearchList

public void selectedMovieFromSearchList(javafx.scene.input.MouseEvent event)

Allows users to click on items in the search list and displays them in the window.

Parameters:

event - Mouse click

selectedMovieFromTopRatedList

public void selectedMovieFromTopRatedList(javafx.scene.input.MouseEvent event)

Allows users to click on items in the top rated list and displays them in the window.

Parameters:

event - Mouse click

selectedMovieFromInTheatersNowList

public void selectedMovieFromInTheatersNowList(javafx.scene.input.MouseEvent event)

Allows users to click on items in the in theaters now list and displays them in the window.

Parameters:

event - Mouse click

selectedMovieFromUpcomingList

public void selectedMovieFromUpcomingList(javafx.scene.input.MouseEvent event)

Allows users to click on items in the upcoming list and displays them in the window.

Parameters:

event - Mouse click

---

trailerSelected

public void trailerSelected(javafx.event.ActionEvent event)

Allows users to play the trailer for the selected movie with a button press.

Parameters:

event - Button press

---

randomMovie

public void randomMovie(javafx.event.ActionEvent event)

Allows users to generate a random movie with a button press and displays it in the window.

Parameters:

event - Button press

---

searchMovie

public void searchMovie(javafx.event.ActionEvent event)

Allows user to search for a movie based on keyword or title and displays results in the search list.

Parameters:

event - Button press

---

addMovie

public void addMovie(javafx.event.ActionEvent event)

Allows users to add the selected movie to their favorite list or their watch list.

Parameters:

event - Button press

---

removeMovie

public void removeMovie(javafx.event.ActionEvent event)

Allows users to remove the selected movie from their favorite list or watch list.

Parameters:

event - Button press

checkLogin

```
public void checkLogin(javafx.event.ActionEvent event)
```

Function for logging in to user's API account.

Parameters:

```
event - Button press
```

newAPIAccount

```
public void newAPIAccount(javafx.event.ActionEvent event)
```

Function for creating a new API account.

Parameters:

```
event - Button press
```

addFilter

```
public void addFilter(javafx.event.ActionEvent event)
```

Function for adding a filter to the search.

Parameters:

```
event - Button press
```

removeFilter

```
public void removeFilter(javafx.event.ActionEvent event)
```

Function for removing filters from the search.

Parameters:

```
event - Button press
```

searchPageUp

```
public void searchPageUp(javafx.event.ActionEvent event)
```

Function to change search page up one.

Parameters:

```
event - Button press
```

searchPageDown

public void searchPageDown(javafx.event.ActionEvent event)

Function to change search page down one.

Parameters:

event - Button press

getReviews

public void getReviews(javafx.event.ActionEvent event)

Function for viewing reviews of selected movie.

Parameters:

event - Button press

PACKAGE   **CLASS**   USE   TREE   DEPRECATED   INDEX   HELP

PREV CLASS   NEXT CLASS   FRAMES   NO FRAMES   ALL CLASSES

SUMMARY: NESTED | FIELD | CONSTR | METHOD   DETAIL: FIELD | CONSTR | METHOD